

2

29. (amended)

An apparatus for intraluminally reinforcing the lumen of a body passageway, comprising:

p1 a tubular shaped stent formed by a plurality of connected elongate members having a first diameter which permits delivery of the tubular shaped stent into the lumen of the body passageway;

21 contd p1 at least a portion of said tubular shaped stent having a second, expanded diameter, said portion being formable to said second diameter, without any change in length of said tubular shaped stent, upon application from the interior of said tubular shaped stent of an outwardly extending force, to expand said lumen and to retain said portion of said tubular shaped stent with said second, expanded diameter within said body passageway upon removal of said outwardly extending force.

31. (amended) An endovascular implant, comprising:

N P 200 h a tubular shaped expandable prosthesis formed by a plurality of connected elongate members and having a first diameter which permits intraluminal delivery of the tubular shaped expandable prosthesis into a body passageway having a lumen; and

said tubular shaped expandable prosthesis having a second, expanded diameter, upon the application from the interior of said tubular shaped expandable prosthesis of an outwardly extending force, which second diameter is variable and controlled by the amount of force applied to said tubular shaped expandable prosthesis, at least [a portion] some of said plurality of elongate members of said tubular shaped expandable prosthesis being deformed by the outwardly extending force to retain said tubular shaped expandable prosthesis

D2
cont with the second, expanded diameter, whereby said tubular shaped expandable prosthesis may be expanded to expand the lumen of the body passageway and remain therein.

33. (amended) A method for implanting an expandable prosthesis within a body passageway comprising the steps of:

(a) disposing [the] an expandable prosthesis upon a catheter, the prosthesis being formed by a plurality of elongate members;

(b) inserting the expandable prosthesis and catheter within the body passageway by catheterization of said body passageway; and

D3 (c) providing controllable expansion of the expandable prosthesis at a desired location within the body passageway by expanding a portion of the catheter associated with the expandable prosthesis to force the expandable prosthesis outwardly into contact with the body passageway, by deforming [a portion of the expandable prosthesis] at least some of said plurality of elongate members with a force in excess of the elastic limit of [the portion of the expandable prosthesis] said elongate members, to implant the expandable prosthesis within the body passageway.

34. (amended) A method for expanding the lumen of a body passageway comprising the steps of:

(a) inserting an endovascular expandable prosthesis disposed upon a catheter into the body passageway until it is disposed adjacent a desired location within the body passageway, the prosthesis being formed by a plurality of elongate members; and